

Human Glutathione S-transferase A3 ELISA Kit | GSTA3 elisa kit

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CATALOG #
AAA101934

REACTIVITY
Human

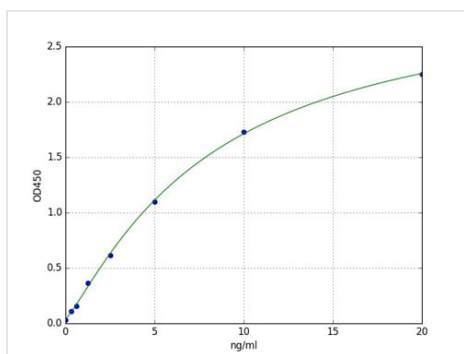
PRODUCT SYNONYMS

Glutathione S-transferase A3; Human Glutathione S-transferase A3 ELISA Kit; GSTA3 (Glutathione S-transferase A3)/GST class-alpha member 3/Glutathione S-transferase A3-3; GSTA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	222
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human GSTA3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.049	0.113	0.161	0.265	0.411	0.856	1.486	2.053

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSTA3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human GSTA3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GSTA3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human GSTA3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GSTA3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430144
NCBI GeneID	2940
NCBI Accession #	NP_000838.3
NCBI GenBank Nucleotide #	NM_000847.4
Molecular Weight	25,302 Da
NCBI Official Full Name	glutathione S-transferase A3
NCBI Official Synonym Full Names	glutathione S-transferase alpha 3
NCBI Official Symbol	GSTA3
NCBI Official Synonym Symbols	GTA3; GSTA3-3
NCBI Protein Information	glutathione S-transferase A3
UniProt Protein Name	Glutathione S-transferase A3
UniProt Gene Name	GSTA3
UniProt Entry Name	GSTA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gsta3-human-elisa-kits/glutathione-s-transferase-a3/101934>